

ABSTRACT

**[0066]** The invention concerns a tire (10) provided with a capacitative sensor (12) comprising two substantially parallel electrodes (30), the sensor (12) being carried by a sidewall of the tire. The sensor's electrodes (30) lie substantially in a plane perpendicular to the rotation axis of the tire and are substantially orientated in an ortho-radial direction.

**[0067]** The invention also concerns a tire provided with a deformation sensor, a process for evaluating the deflection of a tire, and a deformation sensor (12).